

```
=> e
E37      1      BENZYLTRIETHYLAMMONIUM HYDROXIDE/CN
E38      1      BENZYLTRIETHYLAMMONIUM HYPOCHLORITE/CN
E39      1      BENZYLTRIETHYLAMMONIUM IODIDE/CN
E40      1      BENZYLTRIETHYLAMMONIUM ION/CN
E41      1      BENZYLTRIETHYLAMMONIUM LAURATE/CN
E42      1      BENZYLTRIETHYLAMMONIUM METHACRYLATE/CN
E43      1      BENZYLTRIETHYLAMMONIUM METHOXIDE/CN
E44      1      BENZYLTRIETHYLAMMONIUM MONOMETHYLSULFATE/CN
E45      1      BENZYLTRIETHYLAMMONIUM NITRATE/CN
E46      1      BENZYLTRIETHYLAMMONIUM NITRITE/CN
E47      1      BENZYLTRIETHYLAMMONIUM P-CHLOROBENZYL OXIDE/CN
E48      1      BENZYLTRIETHYLAMMONIUM P-TOLUENESULFONATE/CN
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=> s e46
L1      1 "BENZYLTRIETHYLAMMONIUM NITRITE"/CN
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=> d l1
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L1      ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2008 ACS on STN
RN      121699-36-3  REGISTRY
ED      Entered STN:  21 Jul 1989
CN      Benzenemethanaminium, N,N,N-triethyl-, nitrite (1:1)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN      Benzenemethanaminium, N,N,N-triethyl-, nitrite (9CI)
OTHER NAMES:
CN      Benzyltriethylammonium nitrite
MF      C13 H22 N . N O2
SR      CA
LC      STN Files:  BIOSIS, CA, CAPLUS, CASREACT, USPATFULL

      CM      1

      CRN      16652-03-2
      CMF      C13 H22 N
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Et₃N-CH₂-Ph

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CM      2

CRN      14797-65-0
CMF      N O2
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O=N-O-

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6 REFERENCES IN FILE CA (1907 TO DATE)
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)
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=> b caplus
COST IN U.S. DOLLARS          SINCE FILE          TOTAL
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FULL ESTIMATED COST

ENTRY SESSION
8.07 8.28

FILE 'CAPLUS' ENTERED AT 15:36:39 ON 26 JUN 2008
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FILE COVERS 1907 - 26 Jun 2008 VOL 148 ISS 26
FILE LAST UPDATED: 25 Jun 2008 (20080625/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s l1

L2 6 L1

=> s l2 and py<=2002

22931495 PY<=2002

L3 1 L2 AND PY<=2002

=> d l3 scan

L3 1 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN

IC ICM C07C057-075

ICS C07C051-50

CC 35-2 (Chemistry of Synthetic High Polymers)

TI Nitrites as polymerization inhibitors for unsaturated acids during distillation

ST nitride salt nonmetallic polymn inhibitor; ester nitrite polymn inhibitor; acrylic acid polymn inhibitor nitrite

IT Nitrites

RL: USES (Uses)

(polymerization inhibitors, for distillation of unsatd. carboxylic acids)

IT Polymerization inhibitors

(thermal, nitrite nonmetallic salts or esters, for distillation of unsatd. acids)

IT Carboxylic acids, preparation

RL: PREP (Preparation)

(unsatd., distillation of, polymerization inhibitors for, nitrite compds.

as)

IT 629-46-9 3129-91-7 13446-48-5 26501-54-2 31086-83-6

121699-36-3

RL: USES (Uses)

(polymerization inhibitors, for distns. of unsatd. acids)

IT 123-31-9, Hydroquinone, uses and miscellaneous

RL: USES (Uses)

(polymerization inhibitors, with nitride compds., for distns. of unsatd. carboxylic acids)

IT 92-84-2, Phenothiazine

RL: USES (Uses)

(polymerization inhibitors, with nitrite compds., for distillation of unsatd. carboxylic acids)

IT 7783-99-5

RL: RCT (Reactant); RACT (Reactant or reagent)

(reaction of, with ammonium bromide compds.)

IT 56-37-1, Benzyltriethylammonium chloride 1643-19-2, Tetrabutylammonium bromide 2002-24-6, Ethanolamine hydrochloride

RL: RCT (Reactant); RACT (Reactant or reagent)

(reaction of, with silver nitrite)

ALL ANSWERS HAVE BEEN SCANNED

=> d 12 1-6 ibib

L2 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2008:490253 CAPLUS <<LOGINID:20080626>>

DOCUMENT NUMBER: 148:561254

TITLE: Copper-Catalyzed Synthesis of Esters from Ketones. Alkyl Group as a Leaving Group

AUTHOR(S): Nakatani, Yuji; Koizumi, Yuichiro; Yamasaki, Ryu; Saito, Shinichi

CORPORATE SOURCE: Department of Chemistry, Faculty of Science, Tokyo University of Science, Kagurazaka, Shinjuku, Tokyo, 162-8601, Japan

SOURCE: Organic Letters (2008), 10(10), 2067-2070

CODEN: ORLEF7; ISSN: 1523-7060

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:376420 CAPLUS <<LOGINID:20080626>>

DOCUMENT NUMBER: 145:62710

TITLE: Structure and Synthesis of 6-(Substituted-imidazol-1-yl)purines: Versatile Substrates for Regiospecific Alkylation and Glycosylation at N9

AUTHOR(S): Zhong, Minghong; Nowak, Ireneusz; Cannon, John F.; Robins, Morris J.

CORPORATE SOURCE: Department of Chemistry and Biochemistry, Brigham Young University, Provo, UT, 84602-5700, USA

SOURCE: Journal of Organic Chemistry (2006), 71(11), 4216-4221

CODEN: JOCEAH; ISSN: 0022-3263

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 145:62710
 REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2004:290468 CAPLUS <<LOGINID:20080626>>
 DOCUMENT NUMBER: 140:321651
 TITLE: Process for preparing 2'-halo-2'-deoxyadenosine
 compounds from 2'-deoxyguanosine
 INVENTOR(S): Robins, Morris J.; Janeba, Zlatko; Francom, Paula
 PATENT ASSIGNEE(S): Brigham Young University, Technology Transfer Office,
 USA
 SOURCE: PCT Int. Appl., 21 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004028462	A2	20040408	WO 2003-US30386	20030925
WO 2004028462	A3	20040610		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2540158	A1	20040408	CA 2003-2540158	20030925
AU 2003275267	A1	20040419	AU 2003-275267	20030925
EP 1556400	A2	20050727	EP 2003-759541	20030925
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
JP 2006508183	T	20060309	JP 2005-501990	20030925
US 20070032645	A1	20070208	US 2006-529106	20061009
PRIORITY APPLN. INFO.:			US 2002-413915P	P 20020925
			US 2002-416329P	P 20021004
			WO 2003-US30386	W 20030925

OTHER SOURCE(S): MARPAT 140:321651

L2 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2003:24857 CAPLUS <<LOGINID:20080626>>
 DOCUMENT NUMBER: 138:205287
 TITLE: Efficient Syntheses of 2-Chloro-2'-deoxyadenosine
 (Cladribine) from 2'-Deoxyguanosine
 AUTHOR(S): Janeba, Zlatko; Francom, Paula; Robins, Morris J.
 CORPORATE SOURCE: Department of Chemistry and Biochemistry, Brigham
 Young University, Provo, UT, 84602-5700, USA
 SOURCE: Journal of Organic Chemistry (2003), 68(3), 989-992
 CODEN: JOCEAH; ISSN: 0022-3263
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English

OTHER SOURCE(S): CASREACT 138:205287
REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2008 ACS ON STN
ACCESSION NUMBER: 2002:982463 CAPLUS <<LOGINID:20080626>>
DOCUMENT NUMBER: 138:153761
TITLE: Nucleic Acid Related Compounds. 118. Nonaqueous
Diazotization of Aminopurine Derivatives. Convenient
Access to 6-Halo- and 2,6-Dihalopurine Nucleosides and
2'-Deoxynucleosides with Acyl or Silyl Halides
Francom, Paula; Robins, Morris J.
AUTHOR(S):
CORPORATE SOURCE: Department of Chemistry and Biochemistry, Brigham
Young University, Provo, UT, 84602-5700, USA
SOURCE: Journal of Organic Chemistry (2003), 68(2), 666-669
CODEN: JOCEAH; ISSN: 0022-3263
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 138:153761
REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2008 ACS ON STN
ACCESSION NUMBER: 1989:458500 CAPLUS <<LOGINID:20080626>>
DOCUMENT NUMBER: 111:58500
ORIGINAL REFERENCE NO.: 111:9949a,9952a
TITLE: Nitrites as polymerization inhibitors for unsaturated
acids during distillation
INVENTOR(S): Day, James Clarence; Bauer, William, Jr.
PATENT ASSIGNEE(S): Rohm and Haas Co., USA
SOURCE: Eur. Pat. Appl., 6 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
EP 302697	A1	19890208	EP 1988-307119	19880802
R: DE, ES, FR, GB, IT				
FI 8803675	A	19890208	FI 1988-3675	19880805
JP 01066140	A	19890313	JP 1988-195943	19880805
PRIORITY APPLN. INFO.:			US 1987-83543	A 19870807

=> d his

(FILE 'HOME' ENTERED AT 15:35:33 ON 26 JUN 2008)

FILE 'REGISTRY' ENTERED AT 15:35:44 ON 26 JUN 2008

E DIAZOTIZATION-DEDIAZONIATION
E BENZYLTRIETHYLAMMONIUM/CN

L1 1 S E46

FILE 'CAPLUS' ENTERED AT 15:36:39 ON 26 JUN 2008

L2 6 S L1

L3

1 S L2 AND PY<=2002

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

10.34

18.62

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 15:38:08 ON 26 JUN 2008